

Date: Mon, 13 Jun 94 04:30:09 PDT  
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>  
Errors-To: Info-Hams-Errors@UCSD.Edu  
Reply-To: Info-Hams@UCSD.Edu  
Precedence: Bulk  
Subject: Info-Hams Digest V94 #657  
To: Info-Hams

Info-Hams Digest                      Mon, 13 Jun 94                      Volume 94 : Issue    657

Today's Topics:

                                      "73's"  
      \*\* QUESTION TO HTX-202 OWNERS \*\* (2 msgs)  
          440 in So. Cal.  
          HTX 202  
          Icom R100  
          JPOLE.EXE calculates  
          need MFJ-941D tuner manual  
          Nickel Hydride Cells  
          Ohio/Penn DX Bulletin #162

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>  
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.

-----

Date: Mon, 13 Jun 94 08:25:58 GMT  
From: ihnp4.ucsd.edu!swrinde!pipex!uknet!uos-ee!ee.surrey.ac.uk!  
M.Willis@network.ucsd.edu  
Subject: "73's"  
To: info-hams@ucsd.edu

In article <2t2eph\$aafa@chnews.intel.com>, cmoore@ilx018.intel.com (Cecil A. Moore  
-FT-~) writes:

|> Weuchsowagan (wjturner@iastate.edu) wrote:  
|>  
|> : Webster actually lists it as a plural? May I ask what edition you are  
|> : looking in? ... it should \*never\* be used as a plural.  
|> : Will Turner, N0RDV  
|>

|> Webster's Ninth New Collegiate Dictionary (c) 1983  
|>  
|> e.g. How many A's in the word alphabet? ... A's is the plural of A.  
|> As is a word. As is not the plural of A. 73's is the plural of 73.  
|>  
|> Will, did you bother to look in a dictionary before responding?  
|>  
|> 73, KG7BK, CecilMoore@delphi.com

What has English got to do with 73? It is not an English word, it is a radio code. It means things like "Best Wishes" and the equivalent in other languages, "Bon Chance" or whatever. It is already plural, so 73's is like saying "Best Wishes's".

You might use 73's only if you are speaking to more than one person, i.e. Broadcasting but who would say "Best Wishes's to everyone" and consider it good grammar?

Mike

-----  
Date: 13 Jun 1994 02:06:01 -0400  
From: newstf01.cr1.aol.com!search01.news.aol.com!not-for-mail@uunet.uu.net  
Subject: \*\* QUESTION TO HTX-202 OWNERS \*\*  
To: info-hams@ucsd.edu

My HTX-202 warms up a bit too on low power. I don't have the heat sink (belt clip) installed... it mungs up my belt.

I have had some trouble with receive PL... I set my HT to use PL squelch (open up when PL is received)... and even though the local repeaters transmit their own PL, my HT sometimes kicks in and out. Anyone else have that problem? Is this normal, or a defective unit, or an adjustment that can be made?

Jose

-----  
Date: Mon, 13 Jun 1994 09:12:59 GMT  
From: netcomsv!netcom.com!nduehr@decwrl.dec.com  
Subject: \*\* QUESTION TO HTX-202 OWNERS \*\*  
To: info-hams@ucsd.edu

Teacherjh (teacherjh@aol.com) wrote:

: I have had some trouble with receive PL... I set my HT to use PL  
: squelch (open up when PL is received)... and even though the local  
: repeaters transmit their own PL, my HT sometimes kicks in and out.  
: Anyone else have that problem? Is this normal, or a defective unit,  
: or an adjustment that can be made?

I have noticed this with the HTX-404 that I own also. I believe it is either multipath, poor signal strength causing the PL to not be "heard" by the HTX-404, or a mix of inbound and outbound PL at the repeater site that nulls or drastically reduced the level of the outbound PL.

If you hear of any way to make these radios less PL sensitive, let me know. It's a little annoying, but not unworkable. (i.e. I'm not using mine to get rid of any other interference, just to listen for certain PL's from the repeater that are for emergencies, etc... so if I hear ANYTHING from the radio, I can just turn the receive PL off and listen without interruption.)

Nate Duehr - n0ntz

--

Nate Duehr  
nduehr@netcom.com

-----

Date: 12 Jun 1994 21:57:26 -0700  
From: ihnp4.ucsd.edu!library.ucla.edu!csulb.edu!paris.ics.uci.edu!  
news.claremont.edu!kaiwan.com!not-for-mail@network.ucsd.edu  
Subject: 440 in So. Cal.  
To: info-hams@ucsd.edu

Michael,

I too have been offended by some of the finger-pointing going on. The idea that all repeaters must be open repeaters is not communistic -- in that all of the spectrum is public property and this condition is a not totally unreasonable condition in exchange for permission to reserve a part of it for someone's repeater.

However, it isn't necessary to go that far. I would be happy for a "Scrubba" policy that would increase the availability of open repeaters in the future. I'd be really happy if they figured out a way to do that in some way other than attrition.

Roger is an extra class ham who has earned his wings. But more than that, he's human being and an American who is simply fed up about an unfortunate condition. He doesn't deserve to be called names for

anything he has said here.

--

\_[ Robb Topolski ][ San Clemente CA ][ topolski@kaiwan.com ][ 192.215.30.2 ]\_  
Mattel has come out with a new Barbie doll for Christmas: Divorcee' Barbie.  
It comes with all the usual accessories, plus all of Ken's stuff.

-----

Date: Mon, 13 Jun 1994 09:19:44 GMT  
From: netcomsv!netcom.com!nduehr@decwrl.dec.com  
Subject: HTX 202  
To: info-hams@ucsd.edu

Macy Hallock (macy@telemax.com) wrote regarding the HTX-202:

: Cons:

: Does not have advanced features some prefer.

Which "advanced features" are missing? I guess I have never needed them  
in my HTX-404, which I find has lots and lots of great features for as  
cheap as it was. <grin>

Nate Duehr - n0ntz

--

Nate Duehr  
nduehr@netcom.com

-----

Date: 13 Jun 94 07:53:00 GMT  
From: dog.ee.lbl.gov!agate!iat.holonet.net!alley!john.hiatt@ucbvax.berkeley.edu  
Subject: Icom R100  
To: info-hams@ucsd.edu

RS>I have no problems using the speaker out jack and using a "line level to  
RS>recorder level" attenuator to record with my boom box.

Really Where could I get ahold of one of these gadgets?

---

\* OLX 2.1 TD \* I'm in shape ... round's a shape isn't it?

-----

Date: 13 Jun 94 07:53:00 GMT

From: agate!iat.holonet.net!alley!john.hiatt@ucbvax.berkeley.edu  
Subject: JPOLE.EXE calculates  
To: info-hams@ucsd.edu

EH>For real fun use the expression with variables in a #DEFINE in  
EH>a c program and then pull the result out of the middle of some  
EH>string i/o functions later :-)

Boy some people sure have a strange definintion for the word "fun"!!!

---

\* OLX 2.1 TD \* Your shoe is ringing.

-----

Date: 13 Jun 1994 07:21:56 GMT  
From: ihnp4.ucsd.edu!usc!nic-nac.CSU.net!vfoao0ix@network.ucsd.edu  
Subject: need MFJ-941D tuner manual  
To: info-hams@ucsd.edu

Sy Jerry (SYJERRY@duq3.cc.duq.edu) wrote:

> I got a used MFJ-941D versa tuner II and do not have the manual for  
> it. I'd appreciate it if someone who has it can send me a copy of it  
> (is it a one page instruction sheet ?). or maybe just explain to me  
> via email how to use the tuner.

> thanks in advance.

> 73s de jerry N3RKD

-----

Date: Mon, 13 Jun 94 08:36:36 GMT  
From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!EU.net!uknet!uos-ee!  
ee.surrey.ac.uk!M.Willis@network.ucsd.edu  
Subject: Nickel Hydride Cells  
To: info-hams@ucsd.edu

I have just bought 6 Nickel Hydride AA cells for use with my Icom handheld. I wonder if anyone has any experience with such cells they are able to share? The cells are matked as 1.2V 1200mA hours. They weigh about the same as Nicads but claim to be "Green". I gather they must not be fast charged. This is not a problem as I do not have a fast charger. However the standard ICOM rate is 70mA and they need 120mA. Rather than wait longer than necessary, I suppose I should fast charge them, but at what rate? Would 240mA for 7 hours be OK? How about 360mA for 5 hours?

I hope they will last longer than Nicads, they ought to with 1.2 AH Vs 0.7 AH but

one never knows how the capacity relates to discharge characteristics. A handheld takes about 2A for TX and only 40mA on standby, quite a difference.

Any help is appreciated.

Mike

-----  
Date: Sun, 12 Jun 1994 17:22:21 -0600  
From: ihnp4.ucsd.edu!swrinde!gatech!newsxfer.itd.umich.edu!nntp.cs.ubc.ca!alberta!ve6mgs!usenet@network.ucsd.edu  
Subject: Ohio/Penn DX Bulletin #162  
To: info-hams@ucsd.edu

SB DX @ ALLBBS \$OPDX.162  
Ohio/Penn DX Bulletin No. 162

The Ohio/Penn Dx PacketCluster  
DX Bulletin No. 162  
BID: \$OPDX.162  
June 13, 1994  
Editor Tedd Mirgliotta, KB8NW  
Provided by BARF-80 BBS Cleveland, Ohio  
Online at 216-237-8208 14400/9600/2400/1200/300 8/N/1

Thanks to the Northern Ohio Amateur Radio Society, Northern Ohio DX Association, Ohio/Penn PacketCluster Network, DF4RD, DL7VEE & DXNL, PA3EZL, SM0CNS, SP6TPM, AD1C, NA2M, KA3DBN, WB4LFM and AA4NC for the following DX information.

A3, TONGA. This will be the last week to work Paul, KK6H/A35RK, because he will be going QTH June 18th. He can usually be found on 20 meters (14175-14226 kHz) SSB between 0330 and 0500z. Also, check the low end (CW band) on 40 meters around 1330z. He also likes RTTY; check around 14086 kHz around the same time as above. QSL via KK6H.

C5, THE GAMBIA. Uli, DK20C, and Brendan, G0UCT, now active from here signing C56/ their homecall will be going QRT June 17th. They have been active on all bands, but with an emphasis on the WARC bands. The modes being used are CW, SSB and RTTY. QSL C56/DK20C to DK20C and C56/G0UCT to G1GMZ.

D2, ANGOLA. The Red Cross will be sending Peter, ON6TT, to D2-land June 16th through July 16th. His callsign is undetermined yet, but he plans lowbands and WARC activity. Due to the circumstance Peter will be using commercial equipment, therefore he will not have the capability to work split. QSL via ON5NT. After Angola, Peter will be active from

7Q-land July 16th to August 1st.

D4, REPUBLIC OF CAPE VERDE. Angelo, D44BC, has been heard on 17 meters and RS-12 this month. Check 18128 kHz around 1130z or on RS-12 check between 29430 and 29445 from 1200 to 1430z.

FT5, KERGUELEN ISLAND. Pierre, FT5XJ, was heard active this past weekend on a DX net on 14226 kHz around 0530z. He will be leaving in July and will return three months later. QSL via F5NLL (F1NLL in the CB).

KG4, GUANTANAMO BAY (Cancelled). The planned operation by Bill, KQ4GC in Guantanamo Bay for June 10-17 has been cancelled.

HB0, LIECHTENSTEIN. Eight members from the Eindhoven Students Radio Amateur Club (ESRAC club calls - PI4TUE and PI5EHV) will be active between 1800z July 6th to 1200z July 11th. Activity will be on all bands (including 6m, 2m and 70cm), CW, SSB, RTTY and Packet. Their main emphasis will be taking part in the IARU HF Championship CW/SSB and the CQ WW WPX VHF/UHF Contests. The group has requested the callsign HB0TUE for the entire operation. If they cannot get the requested callsign, operators will sign HB0/ and their personal callsigns. All QSLs go to PI4TUE.

R1, MALYJ VYSOTSKIY ISLAND. The "DX-LOGGEN" reports an operation will take place July 30-31st. There is not much information available at this time other than the callsign will be R1MVI.

RA1Z, LUMBOVSKIY ISLAND, RUSSIA. Dick, RW1ZZ, will be active from this Russian Island starting June 15th for about two weeks. He will be active as RW1ZZ/1 on CW/SSB. The IOTA of this one is EU-161 (or for the RRA award, RR-03-01). QSL to RA1ZA.

SP2PIT/1, WOLIN ISLAND, POLAND. Several members of SP-IOTA-Club will be active from EU-132 (SPIA SZ-02), June 25-30th. Activity will be on 80-10 meters, CW, SSB and RTTY. They will also try to activate Usedom Island (IOTA EU-132, SPIA SZ-01) and some other islands for the Polish Islands Award (SPIA) if the weather conditions are good.

TL, CENTRAL AFRICAN REPUBLIC. Gene, TL8NG, has been active on CW the past month on the WARC bands. Check 12, 17 and 30 meters between 1330 to 1600z and again after 0430z. There was also a report that he shows up on the 21335 DX net sometimes (check around 1400z). QSL via WA1ECA.

TY, BENIN. A couple of stations have been active this month from TY-land. A German operator (DJ4IJ) is currently active as TY1IJ until sometime in July. This station will be active mainly on SSB and the WARC bands. Check 14275 kHz around 2200z. QSL via DJ5IO. TY1PS was active over the past weekend in the RTTY contest. QSL via TY1PS via Peter Schulze, B.P.

06-2535, Cotonou, Benin.

VP2E BEACON OFF THE AIR!. Dave, VP2EHF, reports that the Auguilla 6 meter beacon is enroute to the U.S. for repair. However, Dave advises that anyone hearing the Caribbean on 6 meters and needs VP2E to call him or his wife (Dorothea, VP2EE) at 1-809-497-2150 (or FAX: 1809-497-3557). They will be glad to work you.

VP5, TURKS AND CAICOS ISLANDS. Will, AA4NC, will be active as VP5NC in the IARU HF Championship in July on SSB and CW. There will be activity before and after the contest on the WARC bands. QSL via CBA.

XU, KAMPUCHEA. This is a hard one to work for the guys in the mid and east coast states, especially with the poor propagation. Sanyi, HA7VK, continues to be active from here as XU7VK until February 1995. Look for him on 20 meters SSB between 1245 and 1400z.

FAX YOUR DX INFORMATION NOW! Faxing is available Monday/Wednesday/Friday from 0430 to 2330z only. The number is 216-237-8208 and the FAX card is sharing the same phone line as BARF-80 BBS using a data/fax/phone switch.

Excerpts and distribution of The OPDX Bulletin are granted as long as KB8NW/OPDX/BARF80 receive credit. To contribute DX info, call BARF-80 BBS online at 216-237-8208 14400/9600/2400/1200/300 and leave a message with the Sysop or send InterNet Mail to: aq474@cleveland.freenet.edu or send BitNet Mail to: aq474@cleveland.freenet@cunyvms or send PRODIGY Mail to: DFJH48A or send a message via packet to KB8NW @ WA8BXN.OH.USA.NA

/EX

-----  
Tedd Mirgliotta KB8NW  
InterNet: kb8nw@barf80.nshore.org  
Basic Amateur Radio Frequency BBS (BARF-80) +1 216/237-8208  
"Totally devoted to Amateur Radio" - 24 Hrs a day 8/N/1 14.4k-300 baud  
-----

Date: Mon, 13 Jun 1994 07:26:28 GMT  
From: news.Hawaii.Edu!uhunix.uhcc.Hawaii.Edu!jherman@ames.arpa  
To: info-hams@ucsd.edu

References <2tct8t\$4jp@cat.cis.Brown.EDU>, <2td3t2\$6gd@ccnet.ccnet.com>,  
<Cr9Kyq.EwG@news.Hawaii.Edu>  
Subject : Re: End of '440 in SoCal' thread (was: VHF Maritime Outrage!!)

In article <Cr9Kyq.EwG@news.Hawaii.Edu> jherman@uhunix3.uhcc.Hawaii.Edu (Jeffrey Herman) writes:



>In article <2td3t2\$6gd@ccnet.ccnet.com> sohn@ccnet.com (Jim Sohn) writes:  
>>  
>>Don't know what your source is, but the US amateurs in ITU region 2 have  
>>access to 275 MHz in the 5.8 GHz band alone, and another 750 MHz in the 10  
>>and 24 GHz bands. These allocations are valuable - just ask any business  
>>or government agency that operates their own network on similar  
>>frequencies.

To add to what Jim pointed out here's everything above 2M:

\*\*\*\*\*

#### 1.25 METERS:

Novice Class licensees:

222.10-223.91 CW, Phone, Image, MCW, RTTY/Data

Technician, General, Advanced, Extra licensees:

222.00-225.00 CW, Phone, Image, MCW, RTTY/Data

#### 70 CENTIMETERS:

Technician, General, Advanced, Extra licensees:

420.0-450.0 CW, Phone, Image, MCW, RTTY/Data

#### 33 CENTIMETERS:

Technician, General, Advanced, Extra licensees:

902.0-928.0 CW, Phone, Image, MCW, RTTY/Data

#### 23 CENTIMETERS:

Novice Class licensees:

1270-1295 CW, phone, Image, MCW, RTTY/Data -

Maximum power 5 watts PEP

Technician, General, Advanced, Extra licensees:

1240-1300 CW, Phone, Image, MCW, RTTY/Data

#### HIGHER FREQUENCIES:

Technician, General, Advanced, Extra licensees:

All modes allowed by the Amateur Service are permitted on  
the following frequencies:

2300-2310 MHz	10.0-10.5 GHz	165.0-170.0 GHz
2390-2450 MHz	24.0-24.25 GHz	240.0-250.0 GHz
3300-3500 MHz	48.0-50.0 GHz	All above 300 GHz
5650-5925 MHz	71.0-76.0 GHz	

\*\*\*\*\*

Wow! No need to whine about 440 when we've got all THIS available.

Jeff NH6IL

-----

Date: 13 Jun 1994 06:28:19 GMT  
From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!europa.eng.gtefsd.com!  
sundog.tiac.net!news.sprintlink.net!everest.pinn.net!everest!  
mshrake@network.ucsd.edu  
To: info-hams@ucsd.edu

References <441@bjohns.win.net>, <CrAzDq.p5@telemax.com>, <5k7t-  
LY.larrygood@delphi.com>d.c  
Subject : Re: HTX 202

I guess all I can suggest is get the extended warranty. In the last 5 months I killed two of them. One just decided to start flashing error codes at me one day when I turned it on. The other was exposed to a VERY minor amount of moisture, it was drizzling, and it quit totally. My recommendation is to buy "Name Brand". The base models of ICOM, Kenwood, and Yaesu are not that much more expensive.

--  
Michael T. Shrake  
mshrake@pinn.net  
KE4HTX@KJ4LQ.TIDE.VA.USA.NOAM

-----  
Date: 13 Jun 1994 00:44:16 -0700  
From: ihnp4.ucsd.edu!news.cerf.net!ccnet.com!ccnet.com!not-for-  
mail@network.ucsd.edu  
To: info-hams@ucsd.edu

References <rogjdCr7tnH.ByI@netcom.com>, <2tcts6\$4vj@cat.cis.Brown.EDU>,  
<2tgovm\$jcq@kaiwan.kaiwan.com>  
Subject : Re: 440 in So. Cal.

Robb Topolski KJ6YT (topolski@kaiwan.com) wrote:

: However, it isn't necessary to go that far. I would be happy for a  
: "Scrubba" policy that would increase the availability of open repeaters  
: in the future. I'd be really happy if they figured out a way to do that  
: in some way other than attrition.

This "Scrubba Policy" has been subverted by all the clever groups who operate "closed" repeaters. Closed not Private. Check it out ... most of the new closed repeaters are really open systems for any ones enjoyment. The amateur community will quietly re-write the policy through this vary action. What does this word closed mean when you can have an open 2meter

repeater be re-coordinated as closed, to try to maintain some semblance of order. That group says the repeater is really open. Being closed really is a far cry from having a Private repeater with no activity taking up spectrum in southern california.

I have been run off several private social repeaters when I have been travelling in the area, but I have been welcomed on most. So what! The good 440 amateurs in social still far outnumber the jerks on 440.

Bob      from the Bay Area              no where near social    ;)

--

Bob Wilkins	work	bwilkins@cave.org
Berkeley, California	home	rwilkins@ccnet.com
94701-0710	play	n6fri@n6eeg.#nocal.ca.usa.noam

-----

Date: Mon, 13 Jun 1994 09:24:51 GMT  
From: ihnp4.ucsd.edu!library.ucla.edu!csulb.edu!csus.edu!netcom.com!  
nduehr@network.ucsd.edu  
To: info-hams@ucsd.edu

References <441@bjohns.win.net>, <CrAzDq.p5@telemax.com>, <5k7t-  
LY.larrygood@delphi.com>com  
Subject : Re: HTX 202

larrygood@delphi.com wrote:

: Is there an extended receive code anywhere out there for this radio?

NO! Whatever else you may read, there is NOT a way to modify the HTX-202 or HTX-404 to go out of band. Tandy has put out a bulletin about numerous HTX series radios coming into their factory that have been damaged beyond repair by someone trying to follow the instructions of a "out-of-band mod" sheet for the HTX radios. (202 especially)

There is, however, a code to open up the HTX-404 to cover the entire 440 mhz ham band, and that can be found in the HTX-404 manual. I assume this is for folks experimenting with Amateur satellites and the like, I've never needed to do it to use local repeaters or 446.000 simplex.

Hope this helps.  
Nate Duehr - n0ntz

--

Nate Duehr

nduehr@netcom.com

-----  
Date: Mon, 13 Jun 1994 07:37:50 GMT  
From: news.Hawaii.Edu!uhunix.uhcc.Hawaii.Edu!jherman@ames.arpa  
To: info-hams@ucsd.edu

References <2td3t2\$6gd@ccnet.ccnet.com>, <Cr9Kyq.EwG@news.Hawaii.Edu>,  
<rogjdCrAGJB.CAK@netcom.com>Hawaii.E  
Subject : Re: End of '440 in SoCal' thread (was: VHF Maritime Outrage!!)

In article <rogjdCrAGJB.CAK@netcom.com> rogjd@netcom.com (Roger Buffington)  
writes:

>  
>Say, Jeff, if you are such a technical stud and CW whiz, why don't you  
>upgrade to Extra Class?

I wish I was a 'technical stud' - then I wouldn't have to spend weeks  
trouble shooting these QRPP xmtrs - getting the bugs out is just as  
much fun as operating them, though.

I'll upgrade to at least advanced either as soon as I finish this Ph.D.  
or they kick me out of grad school - I've used up 3 years and haven't  
done very much..... only 4 years remaining to get everything done. Phooey.

73 Roger,  
Jeff NH6IL

-----  
End of Info-Hams Digest V94 #657  
\*\*\*\*\*